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Substitute for form 1449A/PTO

Complete if Known

Application Number	10/662,784
Filing Date	September 15, 2003
First Named Inventor	Bajaj, S. Paul
Art Unit	1653
Examiner Name	Not Yet Assigned
Attorney Docket Number	66153-39722

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
up		US- 5,932,706	08-03-1999	Mertens et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
MW		WO 93/09804	05-27-1993	Griffin et al.		
MW		WO 94/25482	11-10-1994	Evans et al.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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MW		MATHUR et al., Protease and EGF1 domains of factor IXa play distinct roles in binding to factor VIIIa, J. Biol. Chem., 1999, 274(26): 18477-18486	
I		YOSHITAKE et al., Nucleotide sequence of the gene for human factor IX (antihemophilic factor B), Biochemistry, 1985, 24: 3736-3750	
I		DISCIPIO et al., Activation of human factor IX (Christmas factor), J. Clin. Invest., 1978, 61: 1528-1538	
MW		DAVIE et al., The coagulation cascade: initiation, maintenance, and regulation, Biochemistry, 1991, 30: 10363-10370	

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<i>MB</i>		BRANDSTETTER et al., X-ray structure of clotting factor IXa: active site and module structure related to Xase activity and hemophilia B., Proc. Natl. Acad. Sci. USA, 1995, 92: 9796-9800	
		BANNER et al., The crystal structure of the complex of blood coagulation factor VIIa with soluble tissue factor, Nature, 1996, 380: 41-46	
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<i>MB</i>		O'BRIEN et al., Localization of factor IXa and factor VIIIa interactive sites, J. Biol. Chem., 1995, 270: 27087-27092	

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<i>MP</i>		BAJAJ et al., Human factor IX and factor IXa, Methods Enzymol, 1993, 222: 96-128	
<i> </i>		MATHUR et al., Interaction of factor IXa with factor VIIIa. Effects of protease domain Ca ²⁺ binding site, proteolysis in the autolysis loop, phospholipids, and factor X, J. Biol. Chem., 1997, 272: 23418-23426	
<i> </i>		HAMAGUCHI et al., The role of amino-terminal residues of the heavy chain of factor IXa in the binding of its cofactor, factor VIIIa, Blood, 1994, 84: 1837-1842	
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<i> </i>		VEHAR et al., Structure of human factor VIII, Nature, 1984, 312: 337-342	
<i> </i>		BAJAJ et al., A simplified procedure for purification of human prothrombin, factor IX and factor X, Prep. Biochem., 1981, 11: 397-412	
<i> </i>		ZHONG and BAJAJ, A PCR-based method for site-specific domain replacement that does not require restriction recognition sequences, Biotechniques, 1993, 15: 874-878	
<i> </i>		USHARANI et al., Characterization of three abnormal factor IX variants (Bm Lake Elsinore, Long Beach, and Los Angeles) of hemophilia-evidence for defects affecting the latent catalytic site, J. Clin. Invest., 1985, 75: 76-83	
<i> </i>		LINK and CASTELLINO, The activation of bovine factor X by bovine factor Xa, Arch. Biochem. Biophys., 1982, 215: 215-221	
<i>MP</i>		VAN DIEIJEN et al., The role of phospholipids and factor VIIIa in the activation of bovine factor X, J. Biol. Chem. 1981, 256: 3433-3442	

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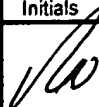

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		FAY and KOSHIBU, The A2 subunit of factor VIIIa modulates the active site of factor IXa, J. Biol. Chem., 1998, 273: 19049-19054	
		KRISHNASWAMY, The interaction of human factor VIIa with tissue factor, J. Biol. Chem., 1992, 267: 23696-23706	
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		MATHER et al., The 2.8 Å crystal structure of Gla-domainless activated protein C, EMBO J., 1996, 15: 6822-6831	
		BAJAJ et al., Synthesis and expression of tissue factor pathway inhibitor by serum-stimulated fibroblasts, vascular smooth muscle cells and cardiac myocytes, Thrombos. Haemostas, 1999, 82: 1663-1672	

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<i>MP</i>		CHANG et al., Changing residue 338 in human factor IX from arginine to alanine causes an increase in catalytic activity, J. Biol. Chem., 1998, 273: 12089-12094	
		LIN et al., Expression and characterization of human factor IX and factor IX-factor X chimeras in mouse C127 cells, J. Biol. Chem., 1990, 265: 144-150	
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<i>MP</i>		BAJAJ et al., A monoclonal antibody to factor IX that inhibits the factor VII:Ca potentiation of factor X activation, J. Biol. Chem., 1985, 260: 11574-11580	
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